

ABSTRACT OF THE DISCLOSURE

An optical disc recording apparatus that uses a pseudo-random number sequence for recording auxiliary information, wherein a sequence of data based on auxiliary information is modulated by a signal represented by a combination of a sequence of pseudo-random numbers and a predetermined periodic signal, and recorded traces of the pits or the marks are changed depending on the modulated sequence of data, thereby recording the auxiliary information on the optical disc. By making it difficult to estimate the structure of the sequence of pseudo-random numbers, duplication of an optical disc is hindered.